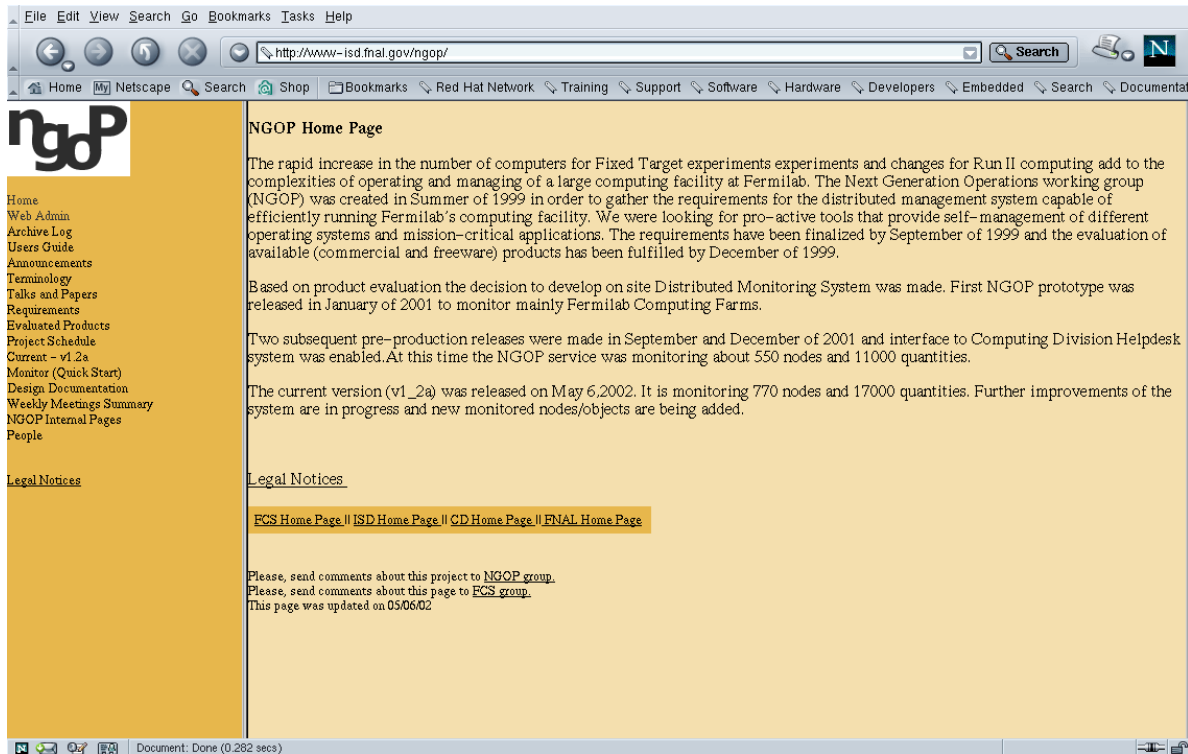
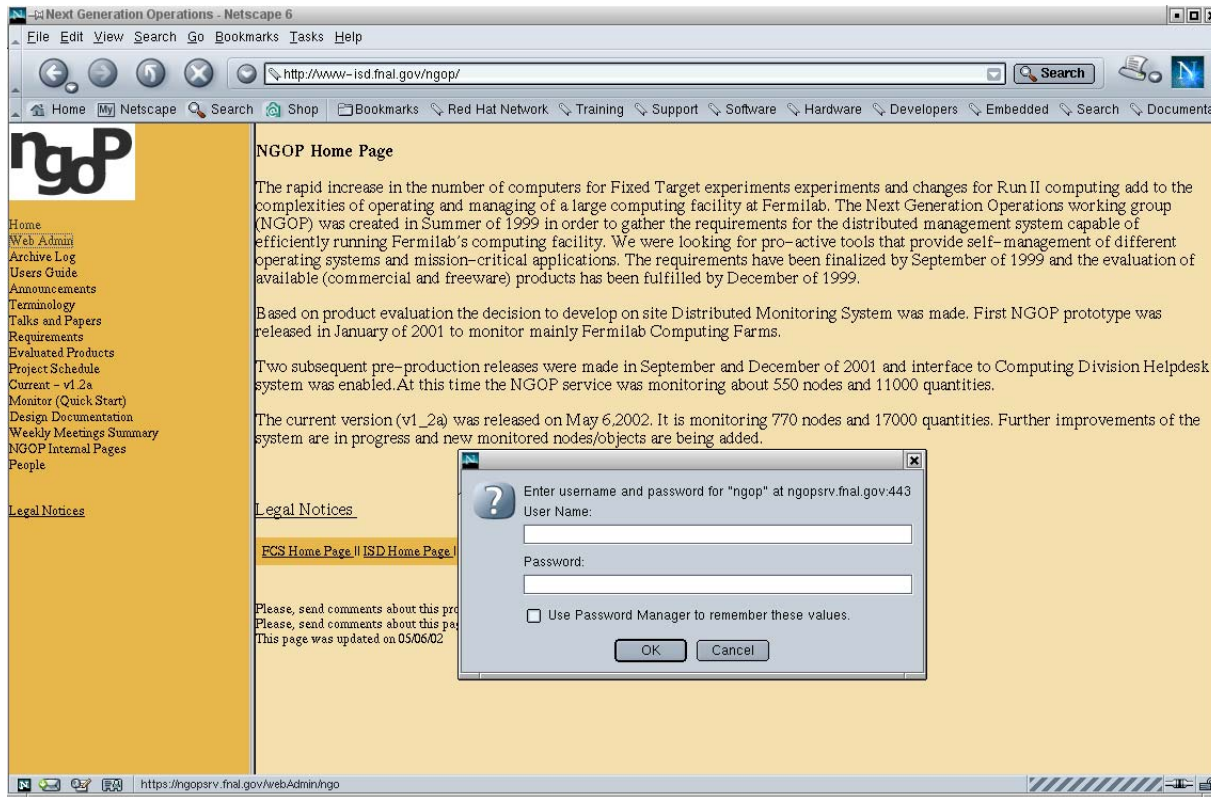


# NGOP Home Page



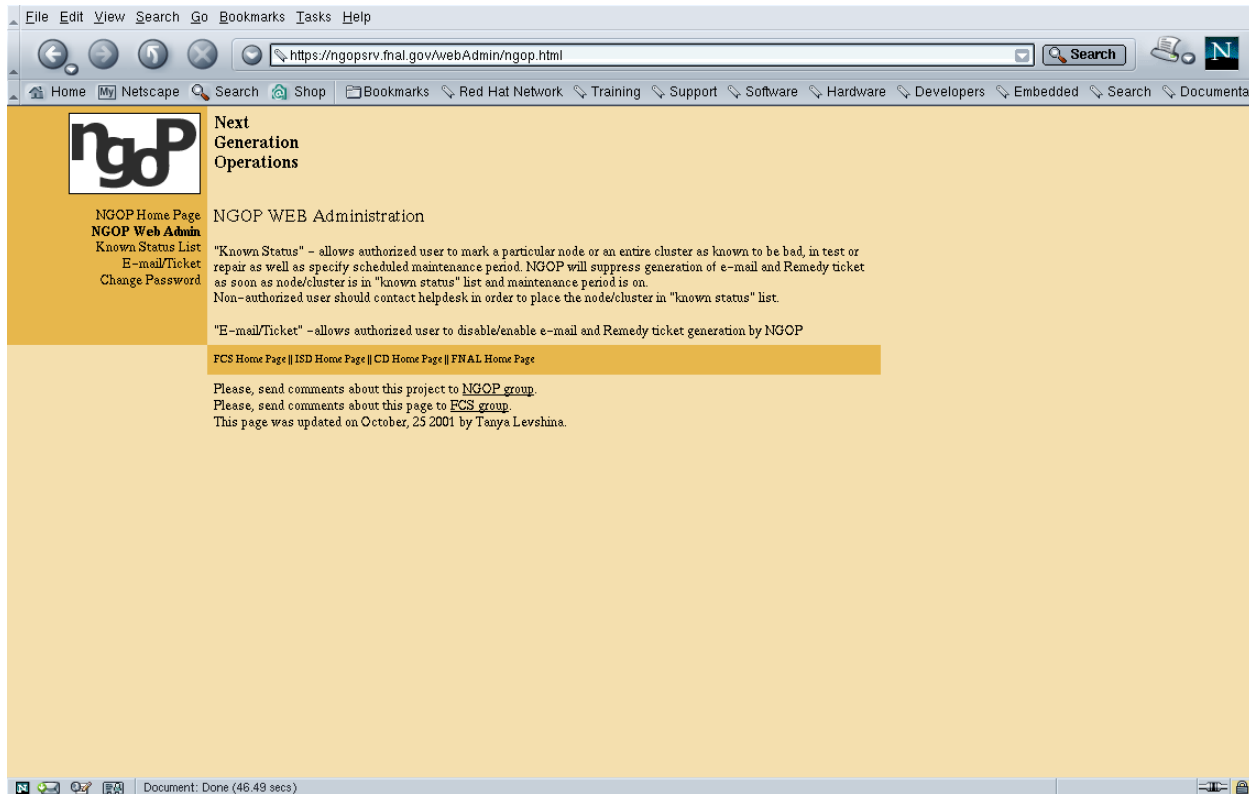
Start from NGOP home page. It contains the links to the user guide, design documentation, monitor quick start description, web admin, etc. Click on Web Admin link

# Password Authentication



When you click on Web Admin link, you have to input the username and the password to access the service. The username and the password are provided by NGOP administrator

# NGOP Web Admin Page



This page contains the links to the Known Status List admin page, E-mail/Remedy Ticket control page and the password managing page. Click on Known Status List link

# Known Status Main Window

File Edit View Search Go Bookmarks Tasks Help

https://ngopsvr.fnal.gov/cgi-bin/tstadmin/ Search

Home My Netscape Search Shop Bookmarks Red Hat Network Training Support Software Hardware Developers Embedded Search Docume

**ngop** Fast Search (Cluster or Host name)

Submit changes for the cluster below Submit Clear [Changes Log](#) [History Log](#) [Known Status](#)

When you are done with all changes on this page, click "Submit" button  
You can repeat this several times and then you have to finish the procedure using "Commit" button

Mediana Database

Clusters/Hosts [Clusters/Systems](#)

Cluster: Fermi

	<input checked="" type="radio"/> Good <input type="radio"/> Bad <input type="radio"/> Test <input type="radio"/> Repair	Start Date <input type="text"/> End Date <input type="text"/> Duration -Select-duration-	not scheduled
Comment:			
	<input checked="" type="radio"/> Good <input type="radio"/> Bad <input type="radio"/> Test <input type="radio"/> Repair	Start Date <input type="text"/> End Date <input type="text"/> Duration -Select-duration-	not scheduled
Comment:			
		Start Date <input type="text"/>	

Are you done with your changes? Commit Cancel

Last modification: user podstvkv on Mon Apr 1 18:11:50 from vmp-cd.dhcp.fnal.gov

Document: Done (0.15 secs)

The main page consists from the five frames. The large left frame contains cluster tree, which you will use for navigation. If you click on the cluster name, the cluster content will appear in the large right frame. For each object inside the current cluster you will see the icon with the name, the current known status, the start and the end date of the maintenance period and some short comment for it.

# Host View

The screenshot shows the NGOP Web Admin interface. The browser address bar displays `https://ngopsrv.fnal.gov/cgi-bin/tstadmin/`. The interface has a sidebar on the left with a tree view of clusters and hosts. The main content area has two tabs: **Clusters/Hosts** and **Clusters/Systems**. The **Clusters/Hosts** tab is active, showing a list of clusters and hosts. The cluster **CDF** is selected, and its details are shown in the main area. The details include a table with columns for Host Name, Status, Start Date, End Date, Duration, and Action. The table shows two hosts: **cdfiga** and **cdfigad**, both with status **in progress**. The bottom status bar shows the last modification: `Last modification: user podstvikv on Mon Apr 1 18:11:50 from vmp-cd.dhcp.fnal.gov`.

You can switch between two different views using the tabs at the top of large right frame:  
**Cluster/Hosts**  
and  
**Cluster/Systems**  
The first one shows the hardware structure of the cluster

# System View

The screenshot displays the NGOP Web Admin interface in a Netscape browser window. The address bar shows <https://ngopsvr.fnal.gov/cgi-bin/tstadmin/>. The interface has a top navigation bar with links like Home, My Netscape, Search, Shop, Bookmarks, Red Hat Network, Training, Support, Software, Hardware, Developers, Embedded, Search, and Documents. A left sidebar contains a tree view of system categories: Fermi, BPHYSICS, CDF, CMS, CMSPROD (with sub-items CMSPRODIO, CMSPRODCentral, CMSPRODSUN, CMSPRODWorker), CMSRD (with sub-items CMSRDIO, CMSRDWORKER), CMSREF (with sub-items CMSREFIO, CMSREFCentral, CMSREFWorker), CORE\_AFS, D0, ENSTORE, and CDFEN. The main content area is titled 'Clusters/Hosts' and 'Clusters/Systems'. It shows the 'Cluster: CDF' configuration page. At the top, there's a 'Fast Search' box and instructions to 'Submit changes for the cluster below'. Below this, there are tabs for 'Clusters/Hosts' and 'Clusters/Systems'. The 'Clusters/Hosts' tab is active, showing a table with columns for 'Good', 'Bad', 'Test', 'Repair', 'Start Date', 'End Date', 'Duration', and 'in progress'. The 'Start Date' is set to '03-21-2002 15:40', 'End Date' is 'None', and 'Duration' is '-Select-duration-'. The 'in progress' status is highlighted in red. There's a 'Ping.CDF' link and a 'Comment:' text area. At the bottom, there's a 'Commit' button and a 'Cancel' button, along with a message: 'Are you done with your changes?'. The status bar at the bottom indicates 'Document: Done (0.609 secs)'.

The second one shows the logical structure of the systems defined for the cluster

# Monitored Element View

The screenshot shows the NGOP Web Admin interface. The sidebar on the left contains a tree view of system components under the 'Fermi' folder:

- Fermi
  - BPHYSICS
  - CDF
    - CMS
      - CMSPROD
        - CMSPRODIO
        - CMSPRODCentral
        - CMSPRODSUN
        - CMSPRODWorker
      - CMSRD
        - CMSRDIO
        - CMSRDWORKER
      - CMSREF
        - CMSREFIO
        - CMSREFCentral
        - CMSREFWorker
    - CORE\_AFS
    - D0
    - ENSTORE
    - CDFEN

The main content area displays the 'System: Ping.CDF' configuration. It includes a 'Fast Search' box, a 'Submit changes' section, and a table of monitored elements.

System	Status	Start Date	End Date	Duration	Comment
ping.cdfsga	<input checked="" type="radio"/> Good <input type="radio"/> Bad <input type="radio"/> Test <input type="radio"/> Repair	03-21-2002 15:40	None	-Select-duration-	
ping.cdfadiac	<input checked="" type="radio"/> Good <input type="radio"/> Bad <input type="radio"/> Test <input type="radio"/> Repair			-Select-duration-	
	<input checked="" type="radio"/> Good <input type="radio"/> Bad				

At the bottom, there is a 'Commit' button and a status bar indicating the last modification: 'Last modification: user podstvikv on Tue Apr 2 11:56:37 from vmp-cd.dhcp.fnal.gov'.

Inside the system you will see the monitored elements defined for this system

# Use Comment Field!

The screenshot shows a web browser window with the URL `https://ngopsrv.fnal.gov/cgi-bin/tstadmin/`. The page has a navigation bar with links like Home, My Netscape, Search, Shop, Bookmarks, Red Hat Network, Training, Support, Software, Hardware, Developers, Embedded, Search, and Documentation. On the left is a sidebar with a tree view of the system hierarchy: `ngop` (Fast Search), `FNALU_INT_IRIX`, `FNALU_INT_LINUX`, `FNALU_INT_OSF1`, `FNALU_INT_SUN`, `FNALU_SUP`, `FNALU_SUP_SUN`, `Farms`, `CDFFarm`, `CDFFarmIO`, `CDFFarmCentral`, `CDFFarmWorker`, `CDFFarm1`, `CDFFarm2`, `CDFFarm3`, `CDFFarm4`, `D0Farm`, `D0FarmIO`, `D0FarmCentral`, and `D0FarmWorker`. The main content area is titled 'workspace' and contains a section for 'Submit changes for the cluster below' with buttons for 'Submit', 'Clear', 'Changes Log', 'History Log', and 'Known Status'. Below this is a warning message: 'When you are done with all changes on this page, click "Submit" button. You can repeat this several times and then you have to finish the procedure using "Commit" button'. The main section is 'Clusters/Hosts' with a sub-section 'Clusters/Systems'. It shows a table of clusters. The first cluster is 'CDFFarm1' with status 'in progress'. It has a 'Comment' field with the text: 'This is an example of the comment. Here you can put any message which explains the cause of the problem with the object'. The second cluster is 'CDFFarm2' with status 'not scheduled'. It also has a 'Comment' field. At the bottom, there is a 'Commit' button and a message: 'Are you done with your changes? Commit Cancel. Last modification: user tlevshin on Wed May 22 15:48:43 2002 from cd-89299.dhcp.fnal.gov'.

workspace

Submit changes for the cluster below   [Changes Log](#) [History Log](#) [Known Status](#)

*When you are done with all changes on this page, click "Submit" button  
You can repeat this several times and then you have to finish the procedure using "Commit" button*

Clusters/Hosts [Clusters/Systems](#)

**Cluster: CDFFarmWorker**

Cluster	Status	Start Date	End Date	Duration	Comment
CDFFarm1	<input checked="" type="radio"/> Good <input type="radio"/> Bad <input checked="" type="radio"/> Test <input type="radio"/> Repair	05-16-2002 12:10	None	-Select-duration-	This is an example of the comment. Here you can put any message which explains the cause of the problem with the object
CDFFarm2	<input type="radio"/> Good <input type="radio"/> Bad <input type="radio"/> Test <input type="radio"/> Repair			-Select-duration-	

Are you done with your changes?

*Last modification: user tlevshin on Wed May 22 15:48:43 2002 from cd-89299.dhcp.fnal.gov*

The use of the comment field is not mandatory but **HIGHLY** recommended to make the operator's work easier



# Status Inheritance

If you change the cluster status, all contained objects inherit its status automatically

The screenshot shows a web browser window with the URL `https://ngopsrv.fnal.gov/cgi-bin/tstadmin/`. The page has a top navigation bar with links like Home, My Netscape, Search, Shop, Bookmarks, Red Hat Network, Training, Support, Software, Hardware, Developers, Embedded, Search, and Documentati. Below this is a 'Fast Search' section with a search box and a 'Commit done' message. The main content area is titled 'Clusters/Hosts' and 'Clusters/Systems'. It shows a list of clusters, with 'CDFFarm1' selected. The details for 'CDFFarm1' are displayed in a table with columns for 'test', 'Start Date', 'End Date', and 'in progress'. The 'test' column shows 'fncdf1' and '8to17by5'. The 'Start Date' is '05-16-2002 12:10' and the 'End Date' is 'None'. The 'in progress' column is highlighted in red. Below the table, there is a 'Comment' field with a placeholder text: 'This is an example of the comment. Here you can put any message which explains the cause of the problem with the object'. At the bottom, there is a 'Are you done with your changes?' section with 'Commit' and 'Cancel' buttons. The last modification is noted as 'user podstvkv on Thu Jun 6 17:04:04 from vmp-cd.fnal.gov'.

Commit done

Submit changes for the cluster below   [Changes Log](#) [History Log](#) [Known Status](#)

*When you are done with all changes on this page, click "Submit" button  
You can repeat this several times and then you have to finish the procedure using "Commit" button*

Clusters/Hosts [Clusters/Systems](#)

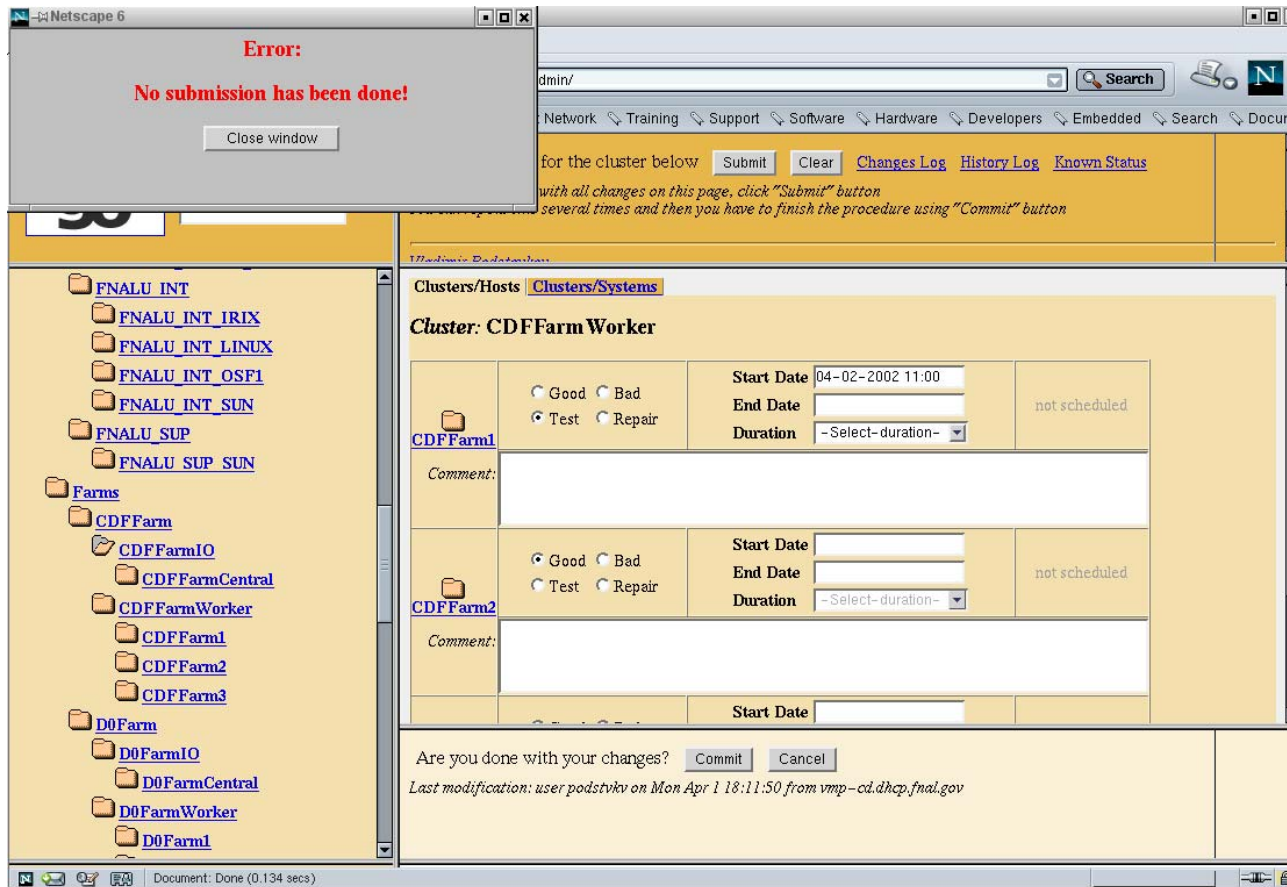
**Cluster: CDFFarm1**

test	Start Date	End Date	in progress
fncdf1	05-16-2002 12:10	None	in progress
8to17by5 <input type="text"/> This is an example of the comment. Here you can put any message which explains the cause of the problem with the object Comment: object			
fncdf10	05-16-2002 12:10	None	in progress
8to17by5 <input type="text"/> This is an example of the comment. Here you can put any message which explains the cause of the problem with the object Comment: object			
Start Date		05-16-2002 12:10	

Are you done with your changes?

*Last modification: user podstvkv on Thu Jun 6 17:04:04 from vmp-cd.fnal.gov*

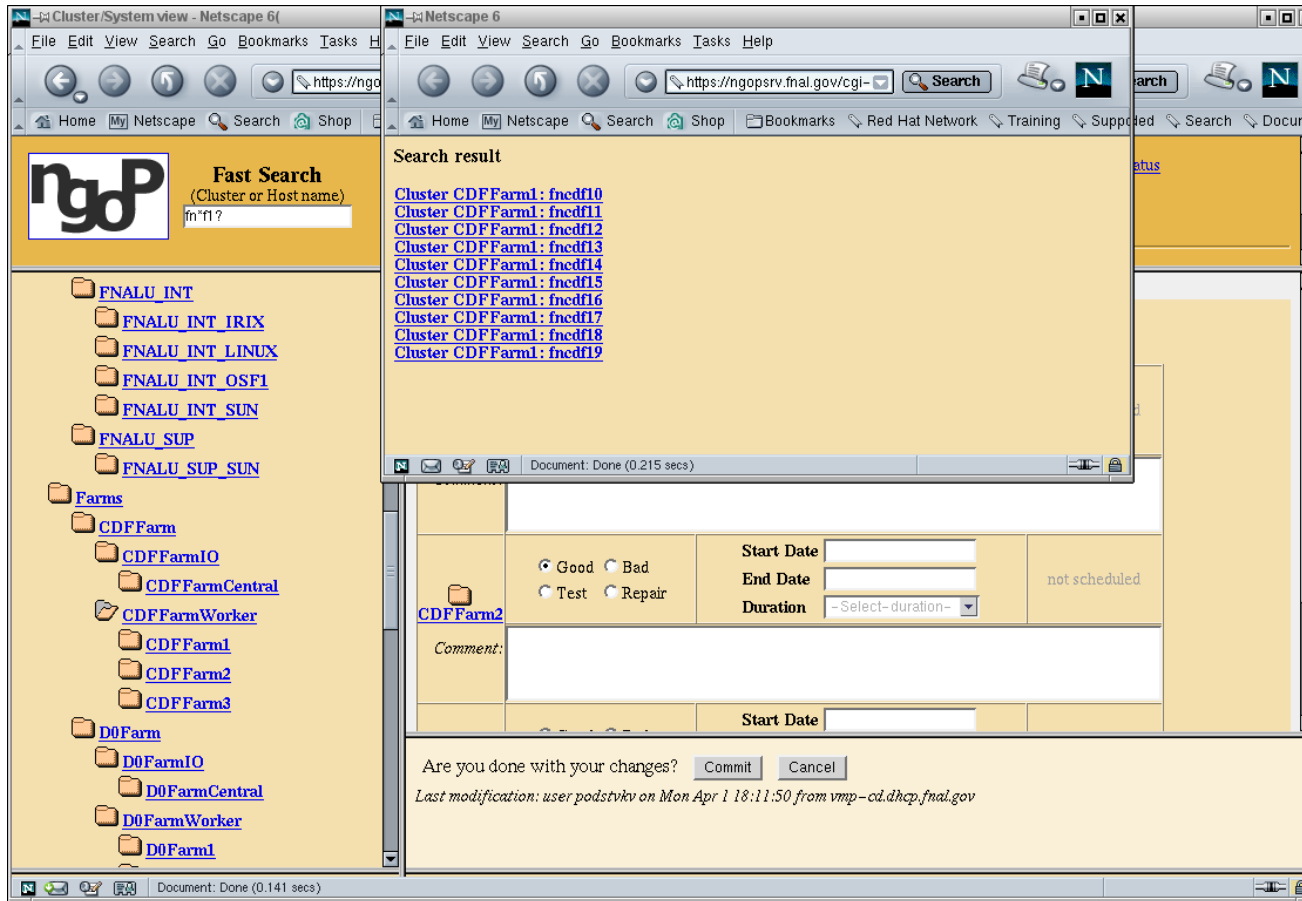
# Don't Forget to Submit



When you change something for the current cluster, don't forget to submit the changes or clear them if you change your mind. Otherwise the program will not allow you to change the cluster!

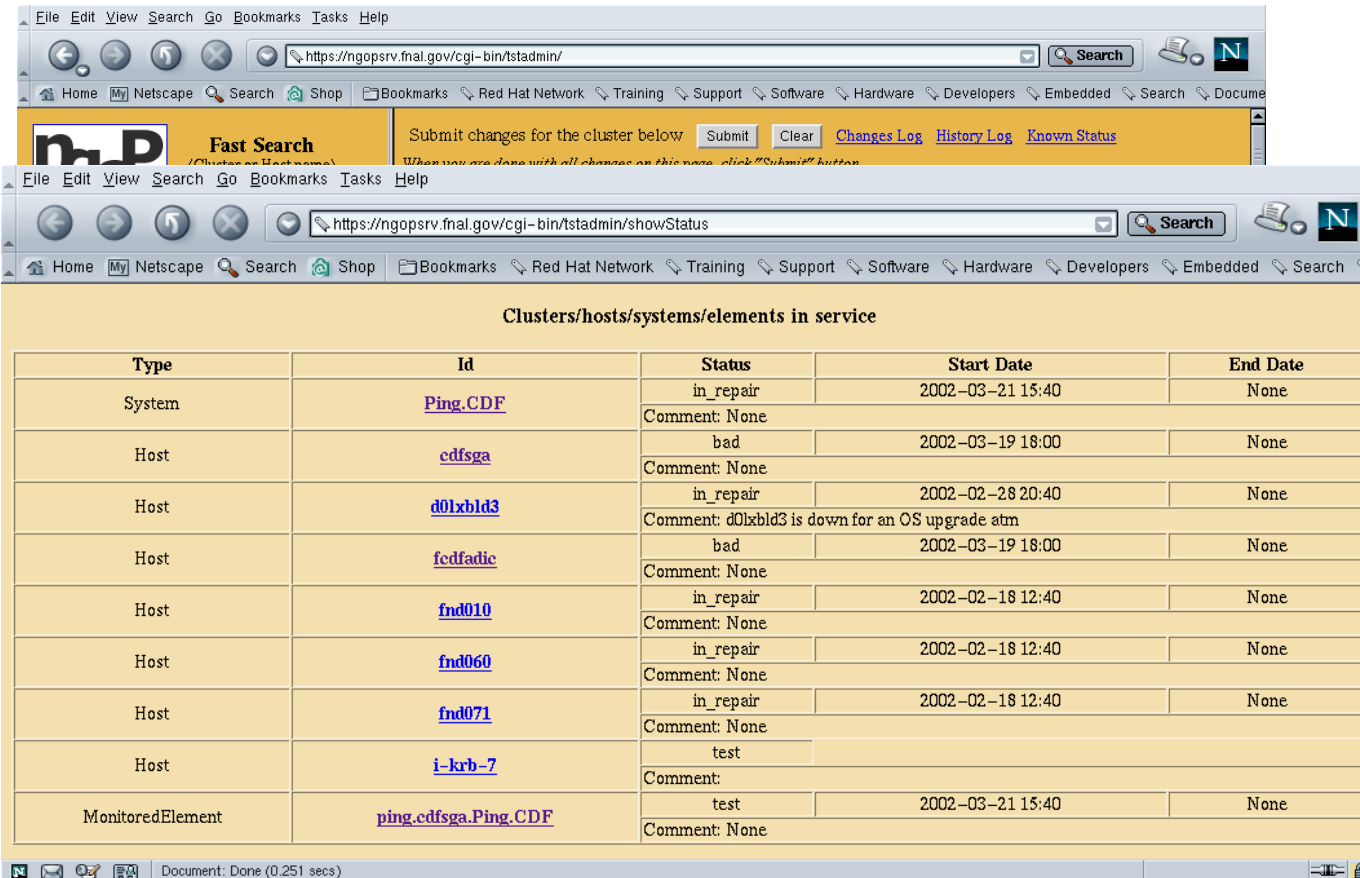
# Regular Expression Search

If you don't remember exactly the name of the cluster or the host, you can use top left frame for the search. Input the pattern for the name using "?" for the single character and "\*" for the sequence. When you hit Enter key, the new window will appear with the list of the names which comply with the pattern. Now you can click on each name and the object will appear in the large left frame of the main window



# Known Status View

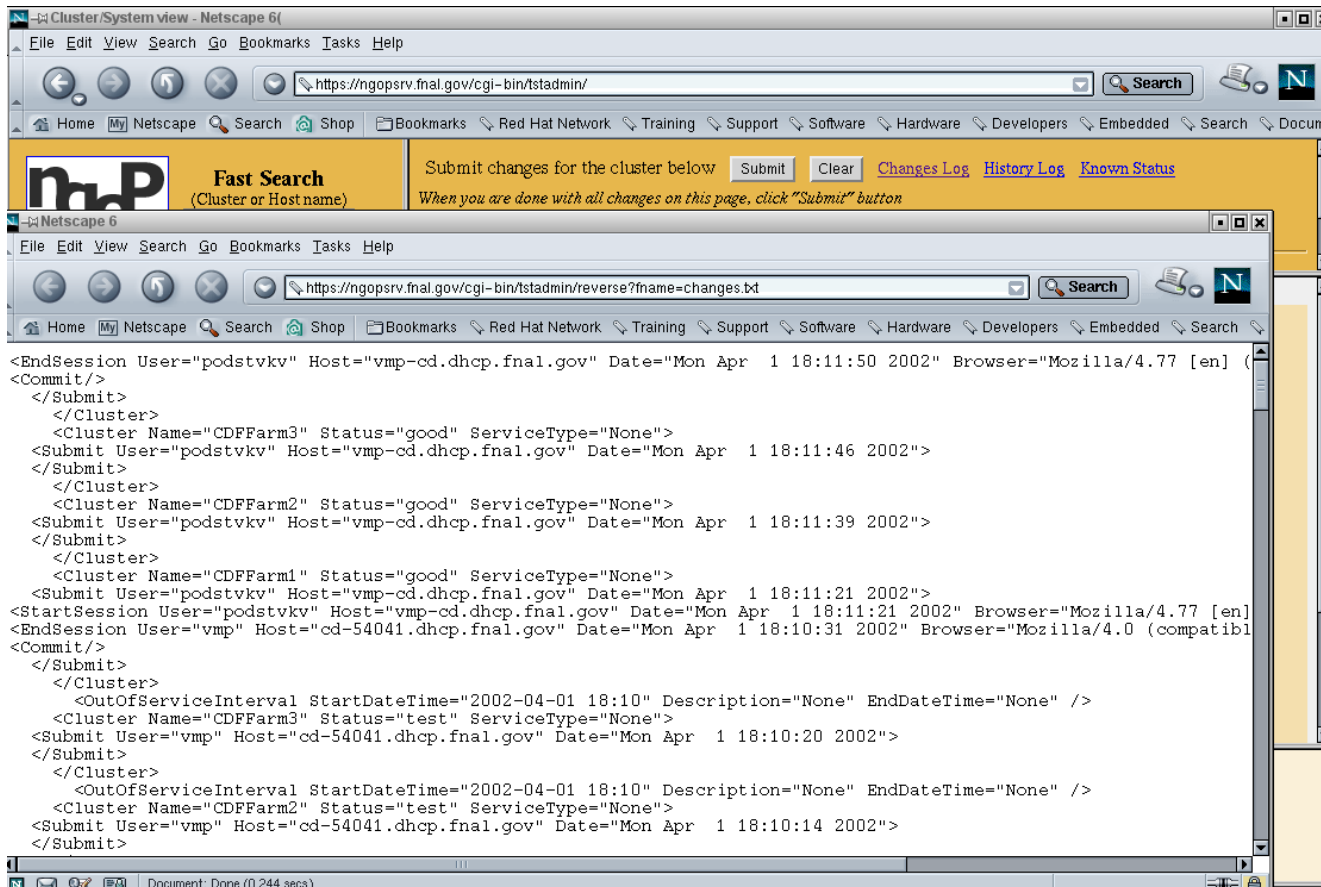
If you want to see what clusters, hosts, systems or monitored elements have the maintenance period set you can use Known Status link in the top right frame. New window will appear with the list of all objects with the maintenance period set. Each name is a link and you can use it to find the object



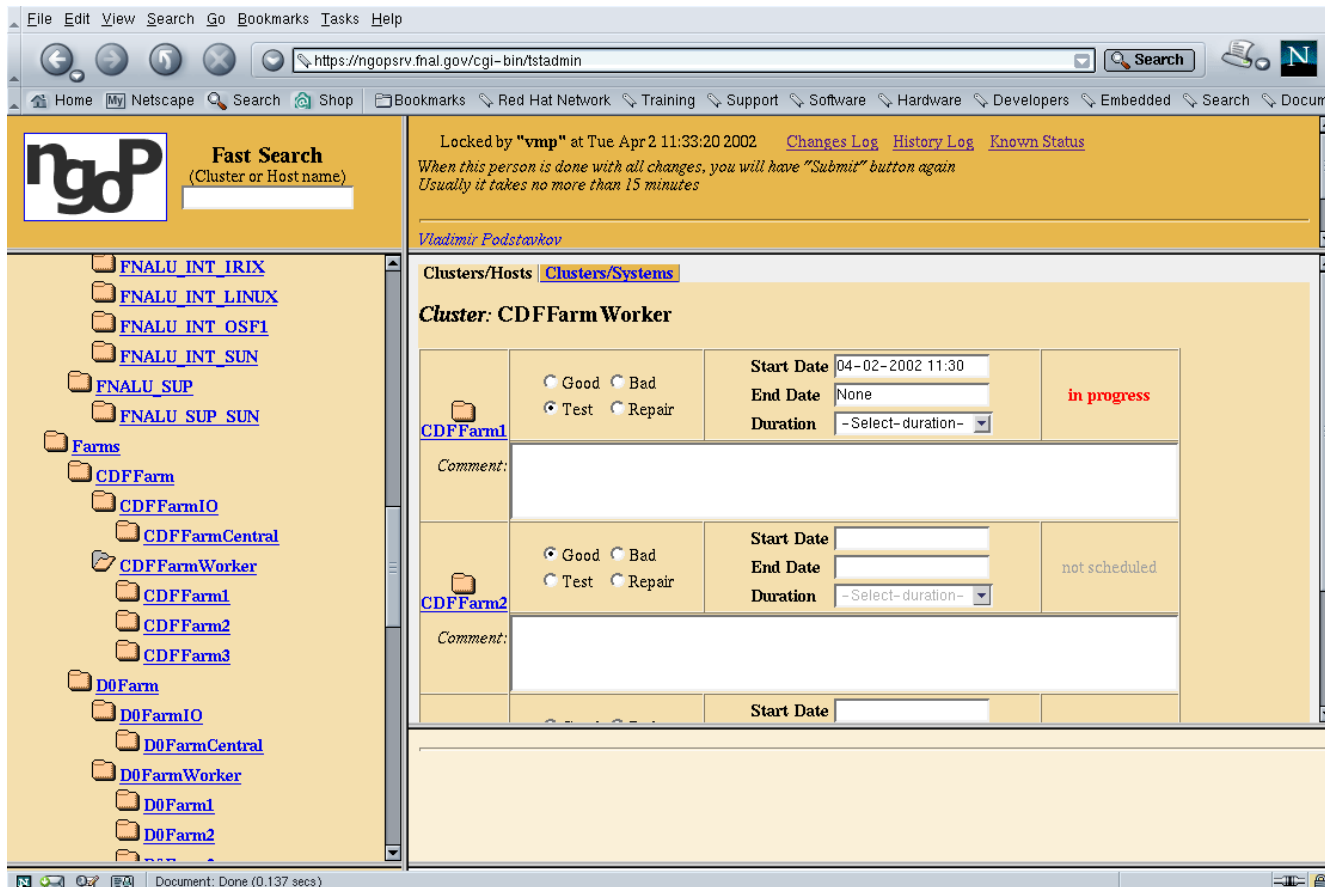
Type	Id	Status	Start Date	End Date
System	<a href="#">Ping.CDF</a>	in_repair	2002-03-21 15:40	None
		Comment: None		
Host	<a href="#">cdfsga</a>	bad	2002-03-19 18:00	None
		Comment: None		
Host	<a href="#">d0lxbl3</a>	in_repair	2002-02-28 20:40	None
		Comment: d0lxbl3 is down for an OS upgrade atm		
Host	<a href="#">fedfadic</a>	bad	2002-03-19 18:00	None
		Comment: None		
Host	<a href="#">fnd010</a>	in_repair	2002-02-18 12:40	None
		Comment: None		
Host	<a href="#">fnd060</a>	in_repair	2002-02-18 12:40	None
		Comment: None		
Host	<a href="#">fnd071</a>	in_repair	2002-02-18 12:40	None
		Comment: None		
Host	<a href="#">i-krb-7</a>	test		
		Comment:		
MonitoredElement	<a href="#">ping.cdfsga.Ping.CDF</a>	test	2002-03-21 15:40	None
		Comment: None		

# Changes Log View

You can see the log of all changes which were made since Monday 6:00 AM this week using [Changes Log](#) link in the top right frame



# Access Lock



Sometimes (not very often) you can see the top right frame without Submit button and the bottom right frame without Commit button. It means that someone is using the service and isn't done with the changes yet

# Important!

You can make the changes for several objects in one cluster at the same time. When you are done with this cluster you have to submit the page with the changes using Submit button. After that you can move to some other cluster and make the changes there. When you are done with all your changes for all clusters you **must** click Commit button in the bottom right frame!

Only after that the changes become active, otherwise all changes will be discarded!